

REMARKS

Claims 6-8, 17-19 and 24 are all the claims pending in the application.

With respect to independent claim 6, Applicants submit that the applied references do not disclose or suggest at least, “a controller arranged to confirm the characteristics of data for transmission, divide the data into a number of pieces of data according to the data characteristics, allot the data to a predetermined number of channels, first transmit the data to a counterpart wireless communication apparatus, subsequently determine whether the counterpart wireless communication apparatus receives the data through the respective channels, to thereby obtain the number of transmittable channels to the counterpart wireless communication apparatus for communication, and transmit the data according to the obtained number transmittable frequency channels, wherein when the data for transmission is real-time data, the controller divides the data into grades to grade basic information for utilization of the real-time data for the highest level, allots the grades from the basic channel to additional channels according to the grades, and when the data for transmission is non-real-time data, the controller simply divides the data into a plurality of pieces of data, and allots the data to the plurality of frequency channels,” as recited in amended claim 6.

With respect to independent claim 17, Applicants submit that the applied references do not disclose or suggest at least, “confirming data characteristics for transmission; dividing the data according the confirmed data characteristics, allotting the respective divided data to a predetermined number of frequency channels, and first transmitting the data to the wireless communication apparatus; confirming whether the counterpart wireless communication apparatus receives data through which frequency channel; dividing the data for transmission by a number of a plurality of frequency channels, and transmitting the data to a counterpart wireless

communication apparatus that the wireless communication apparatus intends to communicate with, wherein, when the data for transmission is real time data, the operations of dividing and allotting divides the data into grades to grade basic information for utilization of the real-time data for the highest level, allots the grades from the basic channel to additional channels according to the grades, and when the data for transmission is non-real-time data, the operations of dividing and allotting divide the data into a plurality of pieces of data, and allot the data to the plurality of frequency channels, and wherein, when the counterpart wireless communication apparatus receives the data only through one frequency channel, the data is transmitted through a basic channel,” as recited in amended claim 17.

With respect to independent claim 24, Applicants submit that the applied references do not disclose or suggest at least, “wherein the wireless communication apparatus operated as the master confirms data characteristics for communication, and when the data for transmission is real time data, the wireless communication apparatus divides the data into grades to grade basic information for utilization of the real-time data for the highest level, allots the grades from the basic channels to additional channels according to the grades, and when the data for transmission is non-real-time data, the wireless communication apparatus divides the data into a plurality of pieces of data, and allots the data to the plurality of frequency channels, and the wireless communication apparatus checks whether the counterpart wireless communication apparatus receives the data in the respective channel, acquires the number of the transmittable frequency channels of the counterpart wireless communication apparatus, and transmits the data to the wireless communication apparatus operated as the slave according to the obtained number of transmittable channels,” as recited in amended claim 24.

Applicants submit that dependent claims 7, 8, 18, and 19 are patentable at least by virtue of their respective dependencies from independent claims 6 and 17.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

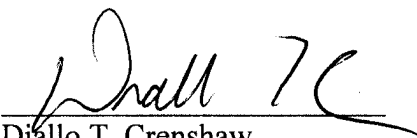
Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER


Diallo T. Crenshaw
Registration No. 52,778

Date: October 31, 2007